



# Decode the Maths Joke



## Factors, Multiples and Primes

Write down the value for each of the letters of the alphabet.

<b>A</b>	The 2 <sup>nd</sup> multiple of 5	
<b>B</b>	The missing multiple of 3: 3, 6, 9, __, 15, 18,..	
<b>C</b>	The 1 <sup>st</sup> multiple of 15	
<b>D</b>	The missing multiple of 2: 2, 4, 6, 8, 10, 12, __,..	
<b>E</b>	The 1 <sup>st</sup> prime number	
<b>F</b>	The 4 <sup>th</sup> multiple of 8	
<b>G</b>	The missing factor of 18: 1, 2, 3, 6, __, 18	
<b>H</b>	The 3 <sup>rd</sup> prime number	
<b>I</b>	The smallest factor of 20	
<b>J</b>	The 5 <sup>th</sup> multiple of 9	
<b>K</b>	The smallest two-digit prime number	
<b>L</b>	The biggest factor of 8	
<b>M</b>	The prime number closest to 20	

<b>N</b>	The smallest prime number greater than 30	
<b>O</b>	The biggest factor of 40	
<b>P</b>	The 4 <sup>th</sup> multiple of 12	
<b>Q</b>	The number of factors of 12	
<b>R</b>	The biggest one-digit prime number	
<b>S</b>	The next prime number after 13	
<b>T</b>	The sum of the first three multiples of 5	
<b>U</b>	The missing factor of 24: 1, 2, 3, __, 6, 8, 12, 24	
<b>V</b>	The smallest odd prime number	
<b>W</b>	The sum of the first five multiples of 7	
<b>X</b>	The sum of all the factors of 15	
<b>Y</b>	The missing factor of 32: 1, 2, 4, 8, __, 32	
<b>Z</b>	The biggest factor of 39 that is a prime number	

Now decode the joke....

105	5	16		14	40		19	10	30	5	17		30	2

10	15	5	2	7	17		105	2	10	7		9	8	10

17	17	2	17	?		1	30		1	19	48	7	40	3
				?										

2	17		14	1	3	1	17	1	40	31	!			
											!			